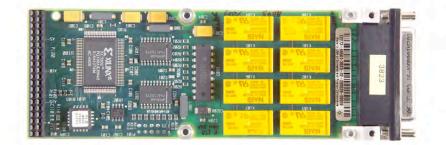


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M221 8 Channel **Form C Switch M** Module

The M221 (formerly Agilent E2273A) provides 8 independent non-latching SPDT switches with maskable interrupts that occur when the requested relay movements have been made. This M Module is useful when high integrity contacts are needed driving microwave relays located in your test adapter.

Specifications:

Inputs:

Maximum Voltage (terminal to terminal or chassis)**		
DC: AC rms: AC peak:	60V/200V 48V/141V 68V/200V	
Maximum Current (non-inductive) Per Switch:		
DC: AC peak: AC rms:	1A 1A 0.7A	
Maximum Power Per Switch/Per Module:		
DC: AC:	40W/100W 40VA/100VA	
DC Characteristics**: Thermal Offset: <20_V (typical) Contact Resistance: <n a_<br="">Contact Resistance (EOL): <3.5_ Insulation Resistance: 10E7_</n>		

** See manual for conditions

AC Characteristics:

Bandwidth (-3dB):	>10 MHz (typ)
Crosstalk (typical)	
<100 KHz: <1 MHz <10 MHz	<-70 dB <-50 dB <-n/a dB
Close channel capacitance:	

Close channel capacitance:

<30 pF (typical) Ch-to-ch: <40 pF (typical) Ch-to-com:

Typical Relay Life at Rated Load:

	10E5 operations
Time to open or clo	ose: 13 msec
Connectors:	44 pin DSUB (Female)
Temperature: Operating: Storage:	0°C to 55°C -40°C to 75°C
Power:	+5V @ 0.02 A +12V @ 0.13 A

M Module Compliance

Complies with ANSI/VITA Std 12-1996 for single-wide M Modules.

Data Transfers	16 bit
Interrupts	INTC

Compatible with VXI, VME, PCI, PXI, CPCI & Ethernet Carriers

Applications

- LF Signal Switching
- · Microwave relay control

Ordering Information

Part Number

11029560-0001

Additional Information

User Manuals for C&H carriers and this module can be found on our website at www.chtech.com.